



# Virginia Healthcare Workforce Briefs

Indicators from the Bureau of Labor Statistics'  
Current Employment Statistics Survey  
**Series 2: Regional & Sectoral Employment**

Series 2, Issue 80

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*Data in this report are not seasonally adjusted. Self-employed persons, including health professionals in private practice, are not included.*

## Highlights

- ◆ Data in this series are not seasonally adjusted and exhibit short-term volatility from fluctuations in holidays, weekends, weather and other seasonal factors. Estimates for the most recent month are preliminary.
- ◆ Virginia's Health Care & Social Assistance (HC&SA) sector created 1,600 new jobs in October, a gain that represents a 4.4% annualized growth rate. This also represents the fourth consecutive month in which HC&SA employment in Virginia has increased by more than 1,000.
- ◆ The Rest of Virginia enjoyed the largest HC&SA employment gain in October thanks to the creation of 1,100 new jobs. Meanwhile, Northern Virginia's HC&SA sector created 500 new jobs, and Richmond added 200 HC&SA jobs. However, Hampton Roads lost 200 HC&SA jobs during the month.
- ◆ Ambulatory Health Care Services experienced an employment surge after creating 2,000 jobs in October, and Virginia's Hospitals enjoyed its fifth consecutive month of positive employment growth with a gain of 100 jobs. On the other hand, Social Assistance lost 300 jobs, while Nursing & Residential Care Facilities shed 200 jobs.

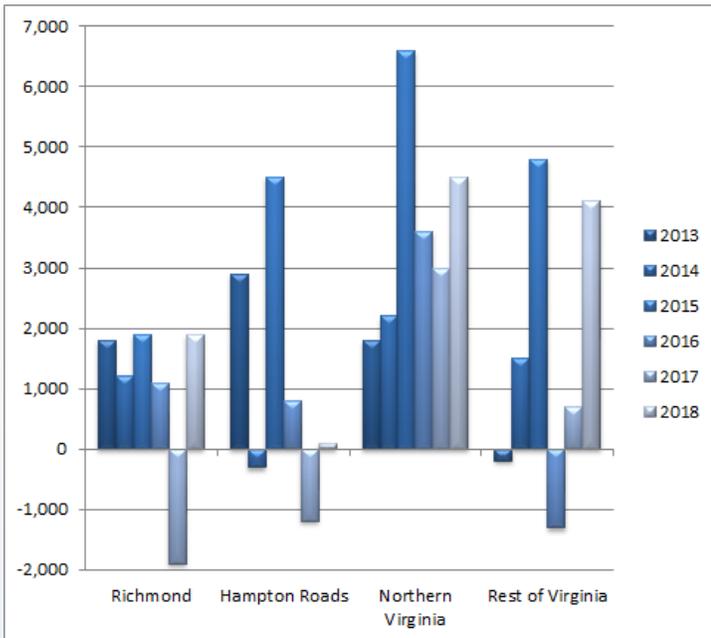
## Data in Brief

Not Seasonally Adjusted*	Employment, in Thousands				Growth Rate, Annualized		
	Oct. 2017	July 2018	Sept. 2018	Oct. 2018	12 Month	3 Month	1 Month
<b>Virginia</b>							
Total Nonfarm	3,977.7	4,022.6	4,032.0	4,048.3	1.8%	2.6%	5.0%
Health Care & Social Assistance	436.9	440.0	444.1	445.7	2.0%	5.3%	4.4%
<b>Hampton Roads</b>							
Total Nonfarm	782.5	795.4	790.9	792.6	1.3%	-1.4%	2.6%
Health Care & Social Assistance	92.6	90.6	92.1	91.9	-0.8%	5.9%	-2.6%
<b>Northern Virginia</b>							
Total Nonfarm	1,470.0	1,478.8	1,483.8	1,488.5	1.3%	2.6%	3.9%
Health Care & Social Assistance	131.8	134.7	135.2	135.7	3.0%	3.0%	4.5%
<b>Richmond</b>							
Total Nonfarm	676.8	684.4	681.1	686.1	1.4%	1.0%	9.2%
Health Care & Social Assistance	82.8	84.0	83.9	84.1	1.6%	0.5%	2.9%
<b>Rest of Virginia</b>							
Total Nonfarm	1,048.4	1,064.0	1,076.2	1,081.1	3.1%	6.6%	5.6%
Health Care & Social Assistance	129.7	130.7	132.9	134.0	3.3%	10.5%	10.4%

Preliminary estimates are italicized

\*Seasonally adjusted data are adjusted by the Bureau of Labor Statistics to account for weather and other seasonal changes. Since the US Bureau of Labor Statistics does not provide seasonally adjusted data at this level, this series uses non-seasonally adjusted data exclusively. Seasonal variation may account for some of the variation in time series data. When comparing data in this series to other HWDC series or other publications it is important to note whether the data reported have been seasonally adjusted.

### Regional HC&SA Employment Growth, Level



**Figure 1: Annual & YTD Change in HC&SA Regional Employment (Not Seasonally Adjusted, Full-Year Change for 2013-2017, Jan.-Oct. for 2018).**

According to data released on Friday, November 16, 2018, by the U.S. Department of Labor, Bureau of Labor Statistics, Virginia’s Health Care & Social Assistance (HC&SA) sector created 1,600 new jobs in October, a gain that represents a one-month annualized employment growth rate of 4.4%. HC&SA employment in the state continues to grow strongly. Virginia has added HC&SA jobs in each of the past eight months. In addition, this employment growth has been particularly strong since July. In each of the past four months, HC&SA employment in Virginia has increased by more than 1,000 jobs.

The Rest of Virginia’s HC&SA sector created 1,100 new jobs in October, the most of any region in the state. So far this year, HC&SA employment in the Rest of Virginia has grown by 4,100. Only Northern Virginia has added more jobs in 2018. After creating 500 new HC&SA jobs this month, Northern Virginia has increased year-to-date HC&SA employment by 4,500. Meanwhile, Richmond’s HC&SA sector added 200 jobs in October, but Hampton Roads lost 200 HC&SA jobs.

### Year-Over-Year Regional Employment Growth

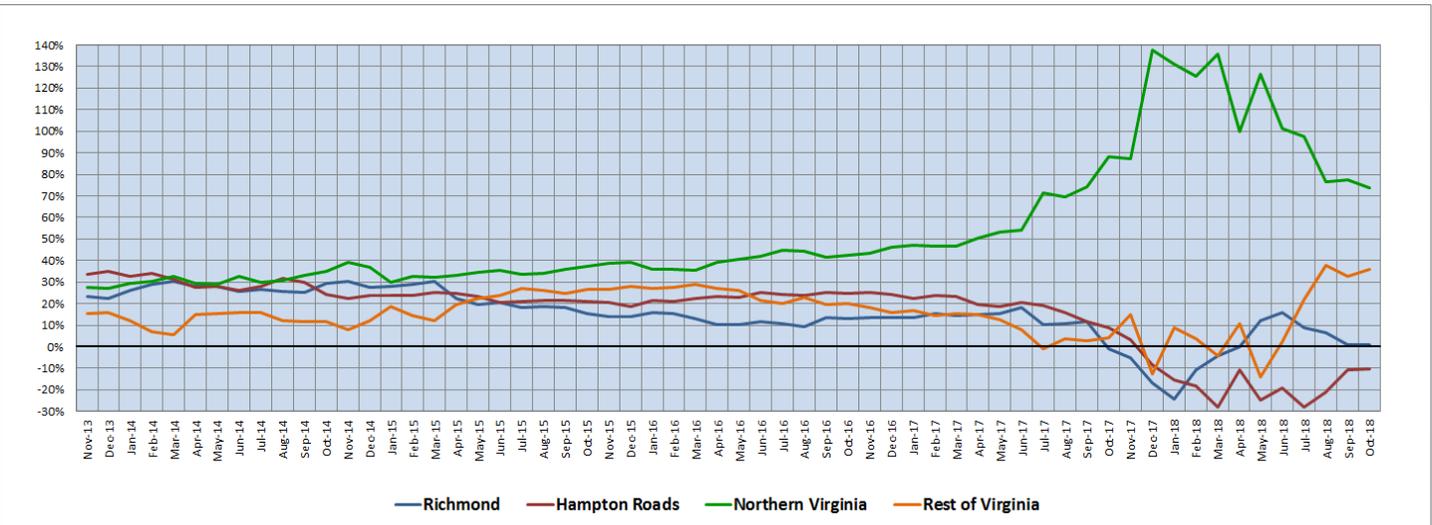
Richmond experienced a significant increase in its year-over-year HC&SA employment growth rate in October from  $-0.12\%$  to  $1.57\%$ . With this increase, Richmond’s year-over-year HC&SA employment growth rate has reached its highest value in more than one year. This also represents the first time in 2018 that Richmond’s year-over-year HC&SA employment growth has been positive. On the other hand, the year-over-year HC&SA employment growth rate in Hampton Roads turned negative again in October, falling from  $0.00\%$  to  $-0.76\%$ . Northern Virginia’s year-over-year HC&SA employment growth rate fell to a six-month low of  $2.96\%$ , while the comparable growth rate in the Rest of Virginia dropped to  $3.32\%$ .

**Figure 2: Year-Over-Year Employment Growth (Not Seasonally Adjusted).**



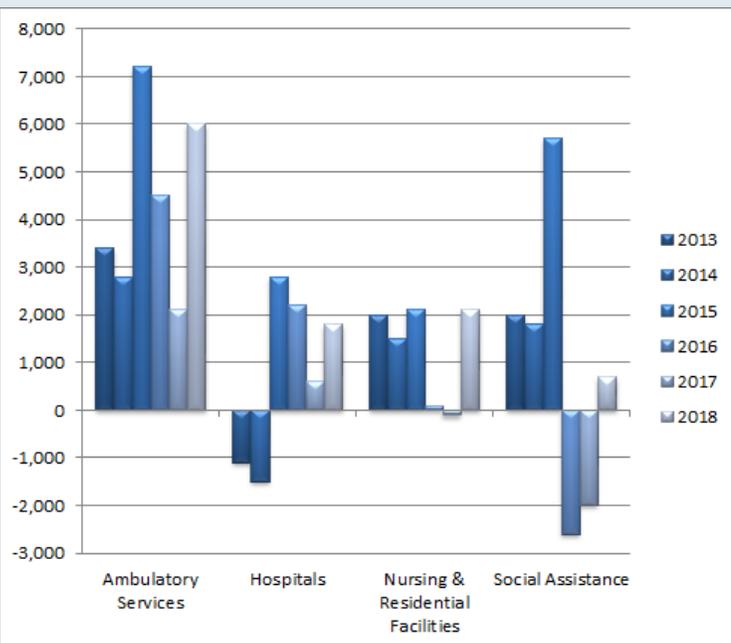
### Regional Share of 24-month Growth

**Figure 3: Regional Share of Previous 24-Month Employment Growth in Virginia’s HC&SA Sector, Not Seasonally Adjusted.**



Northern Virginia’s 24-month HC&SA employment growth share fell from 77.27% to 73.50%. With this decline, Northern Virginia’s 24-month HC&SA employment growth share fell to its lowest value since August 2017. Regardless, Northern Virginia continues to be responsible for a majority of all HC&SA employment growth in the state over the past two years. Meanwhile, the Rest of Virginia experienced a small uptick in its own 24-month HC&SA employment growth share from 32.73% to 35.90%. Richmond is still making a small, positive contribution to the state’s long-term HC&SA employment growth, but its 24-month growth share fell to a six-month low of 0.85%. Finally, Hampton Roads saw a small increase in its own HC&SA employment growth share during the month from -10.91% to -10.26%.

### Subsector Employment Growth



**Figure 4: Annual & YTD Change in HC&SA Subsector Employment (Not Seasonally Adjusted, Full-Year Change for 2013-2017, Jan.-Oct. for 2018).**

Although Virginia’s HC&SA sector enjoyed very strong employment growth in October, nearly all of this growth came from only one subsector. Ambulatory Health Care Services created 2,000 new HC&SA jobs in October. This represents the largest monthly employment gain in Ambulatory Health Care Services since June. Thanks to this gain, Ambulatory Health Care Services has created 6,000 jobs so far in 2018. This year-to-date gain represents 57% of all HC&SA employment growth in the state in 2018.

Virginia’s Hospitals are the only other HC&SA subsector that increased employment in October. This subsector created 100 new jobs during the month. With this gain, Virginia’s Hospitals have increased employment in each of the past five months. During this time period, Hospitals have added 2,200 jobs to the state’s economy. Meanwhile, Nursing & Residential Care Facilities lost 200 jobs in October, but this subsector has still created 2,100 jobs so far in 2018. As for Social Assistance, this subsector lost 300 jobs during the month, creating 700 jobs this year.

### Distribution of Growth by Subsector

Not Seasonally Adjusted	Employment, in Thousands				Growth Rate, Annualized		
	Oct. 2017	July 2018	Sept. 2018	Oct. 2018	12 Month	3 Month	1 Month
<b>Virginia</b>							
Health Care & Social Assistance	436.9	440.0	444.1	445.7	2.0%	5.3%	4.4%
<i>Ambulatory Health Care Services</i>	178.5	181.5	182.3	184.3	3.2%	6.3%	14.0%
<i>Hospitals</i>	107.3	107.5	108.7	108.8	1.4%	4.9%	1.1%
<i>Nursing &amp; Residential Care Facilities</i>	75.8	77.5	78.5	78.3	3.3%	4.2%	-3.0%
<i>Social Assistance</i>	75.3	73.5	74.6	74.3	-1.3%	4.4%	-4.7%
<b>Hampton Roads</b>							
Health Care & Social Assistance	92.6	90.6	92.1	91.9	-0.8%	5.9%	-2.6%
<i>Hospitals</i>	22.4	22.5	22.5	22.5	0.4%	0.0%	0.0%
<b>Northern Virginia</b>							
Health Care & Social Assistance	131.8	134.7	135.2	135.7	3.0%	3.0%	4.5%
<i>Ambulatory Health Care Services</i>	63.8	66.0	66.1	67.1	5.2%	6.8%	19.7%
<i>Hospitals</i>	25.6	26.0	25.9	26.0	1.6%	0.0%	4.7%

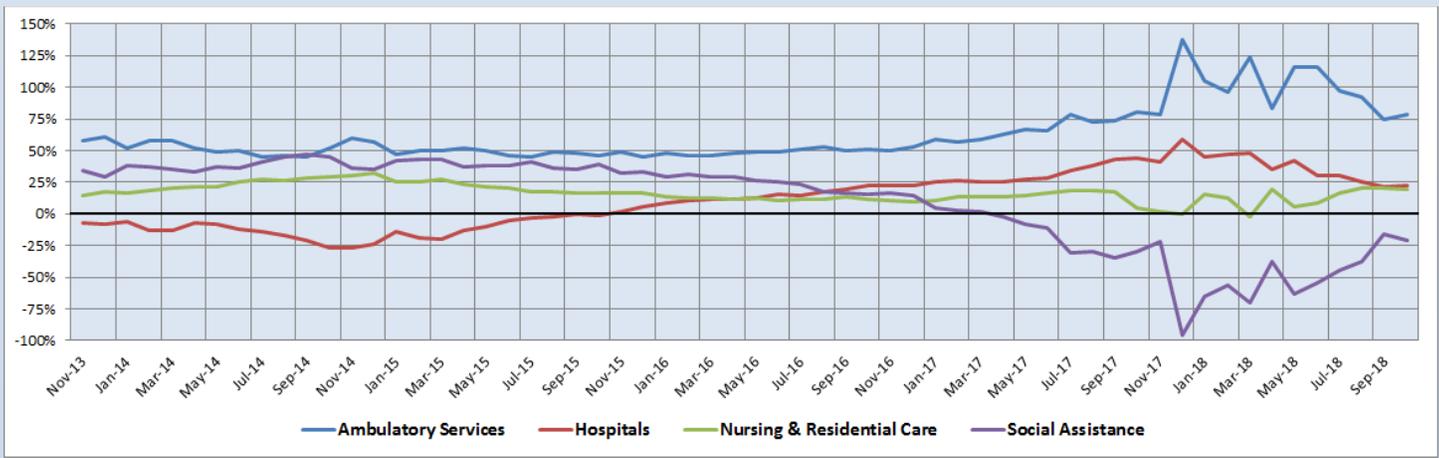
Preliminary estimates are italicized

Employment in Ambulatory Health Care Services grew at a 14.0% annualized rate in October. This growth rate is more than three times the comparable statewide average for Virginia’s HC&SA sector. The three-month annualized employment growth rate in Virginia’s Ambulatory Health Care Services subsector is also quite impressive at 6.3%. In fact, employment growth has been impressive across all HC&SA subsectors in the state over the past three months. For example, Virginia’s Hospitals have created jobs at a 4.9% annualized rate since August, while employment in the state’s Social Assistance subsector has grown at a 4.4% annualized rate during the same time period.

### Share of 24-Month Growth by Subsector

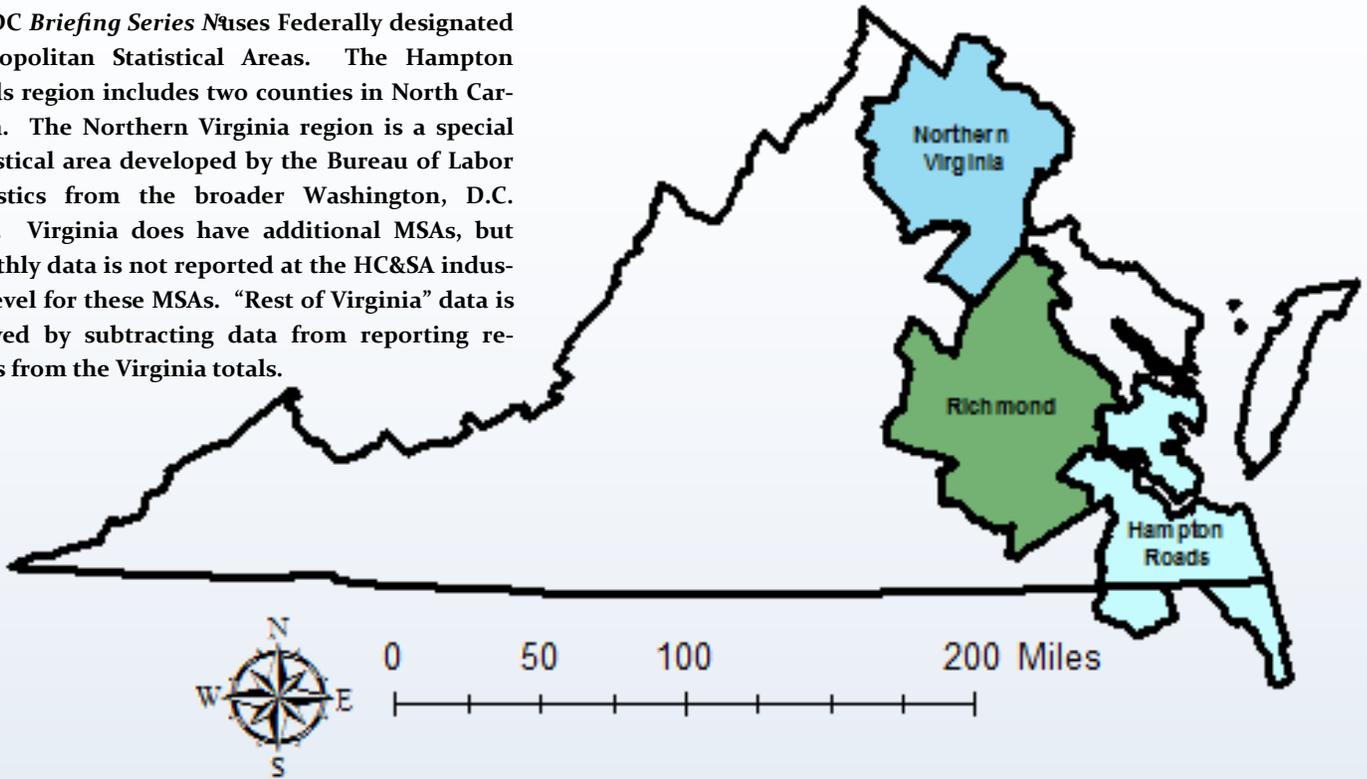
Although the 24-month HC&SA employment growth share in Virginia’s Ambulatory Health Care Services subsector has been trending downward in 2018, it experienced a small uptick in October from 74.55% to 78.63%. In addition, Ambulatory Health Care Services has been the main driver of 24-month HC&SA employment growth for the past four years. Meanwhile, Virginia’s Hospitals also saw a small increase in its 24-month HC&SA employment growth share from 21.82% to 22.22%. On the other hand, Nursing & Residential Care Facilities experienced a small decline in its 24-month HC&SA employment growth share from 20.00% to 19.66%, while Social Assistance saw its growth share fall from -16.36% to -20.51%.

Figure 5: Share of Previous 24-Month Growth in Virginia’s HC&SA Subsectors (Not Seasonally Adjusted).



### Region Map

HWDC *Briefing Series* Uses Federally designated Metropolitan Statistical Areas. The Hampton Roads region includes two counties in North Carolina. The Northern Virginia region is a special statistical area developed by the Bureau of Labor Statistics from the broader Washington, D.C. MSA. Virginia does have additional MSAs, but monthly data is not reported at the HC&SA industry level for these MSAs. “Rest of Virginia” data is derived by subtracting data from reporting regions from the Virginia totals.



### Region Detail

Northern Virginia		Richmond		Hampton Roads	
<i>Northern VA, (Non-standard CES Area 94783)</i>		<i>Richmond, VA (MSA 40060)</i>		<i>Virginia Beach-Norfolk-Newport News, VA-NC (MSA 47260)</i>	
<b>Counties:</b>	<b>Cities</b>	<b>Counties:</b>	<b>Cities</b>	<b>Counties:</b>	<b>Cities</b>
Arlington	Alexandria	Amelia	Colonial Heights	Gloucester	Chesapeake
Clarke	Fairfax	Caroline	Hopewell	Isle of Wight	Hampton
Culpeper	Falls Church	Charles City	Petersburg	James City	Newport News
Fairfax	Fredericksburg	Chesterfield	Richmond	Mathews	Norfolk
Fauquier	Manassas	Dinwiddie		Surry	Poquoson
Loudoun	Manassas Park	Goochland		York	Portsmouth
Prince William		Hanover			Suffolk
Rappahannock		Henrico		<i>Currituck, NC</i>	Virginia Beach
Spotsylvania		King William		<i>Gates, NC</i>	Williamsburg
Stafford		New Kent			
Warren		Powhatan			
		Prince George			
		Sussex			

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### About the Data

Data in this report are from the US Department of Labor Bureau of Labor Statistics' Current Employment Statistics program. The CES program surveys about 143,000 businesses and government agencies monthly. Unless otherwise noted, this series uses data that are not seasonally adjusted. Seasonal variations related to weather, holidays, weekends, seasons and other predictable variations are apparent in the data. Short-term changes may be related to seasonal changes rather than underlying trends. Data from recent months is preliminary and subject to revision in future releases from the CES. Revisions will be reported in future editions of this series. Unless otherwise noted, the CES data presented in this series:

#### **Includes:**

- ◆ Data on employed individuals drawing a paycheck (payroll employees).
- ◆ All employees, regardless of role, occupation or hours worked.
- ◆ HC&SA employees in the private sector only.
- ◆ Persons employed by health professionals in private practice.
- ◆ Both government and private sector workers in nonfarm employment data.

#### **Does not include:**

- ◆ Self-employed workers or volunteers, including health professionals in private practice.
- ◆ HC&SA employees in the public sector. (These are counted as government workers in monthly reports).
- ◆ Information on hours worked or the quality of employment.
- ◆ Government workers in HC&SA level data. (Government workers, regardless of occupation and role, are classified as public sector employees).

The Department of Health Professions Healthcare Workforce Data Center works to improve the data collection and measurement of Virginia's healthcare workforce through regular assessment of workforce supply and demand issues among the 80 professions and 350,000 practitioners licensed in Virginia by DHP.

The HWDC collects data on Virginia's licensed health professionals through surveys completed during the online license renewal and application process. Survey results and data may be accessed on our website: [www.dhp.virginia.gov/hwdc/](http://www.dhp.virginia.gov/hwdc/).

The HWDC also provides a series of Virginia Healthcare Workforce Briefs based data collected by the US Department of Labor's Bureau of Labor Statistics and the US Department of Commerce' Bureau of Economic Analysis.

Virginia Healthcare Workforce Briefs:

Series 1: State & National Employment (Monthly)

Series 2: Virginia Regional Employment (Monthly)

Series 3: Income & Compensation (Quarterly)